



BROWNFIELD PROGRAM

U.S. Environmental Protection Agency Region 7



*Susan Klein,
Brownfields Nuts & Bolts
Kansas City, MO
August 29, 2007*





Authorized Brownfield Funding

**\$200 MILLION*
COMMUNITIES**

**\$50 MILLION
STATES &
TRIBES**

***25% For Petroleum**

**ASSESSMENT
GRANTS**

**CLEANUP
REVOLVING LOAN
FUND GRANTS**

**DIRECT CLEANUP
GRANTS**

**JOB-TRAINING
GRANTS**

**BROWNFIELDS
TARGETED
ASSESSMENTS**

**STATE & TRIBAL
RESPONSE PROGRAM
GRANTS**

Community Eye Sore to Asset -- Kansas City, MO's Westside



**Irene H. Ruiz
Biblioteca de las
Americas**



FY2007 Competition National Results

\$70,700,000

- Assessment
 - \$36.8M/189 grants
- Revolving Loan Fund
 - \$16M/13 grants
- Cleanup
 - \$17.9M/92 grants
- Job Training
 - \$2.3M/12 grants





The fountain and clocktower in front
of the new Marriott Hotel in,

Coralville, IA



Brownfield redevelopment area

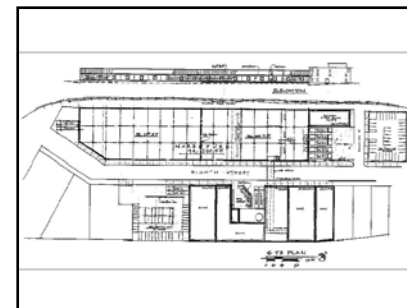


FY2007 Competition Region 7 Results

\$4,125,515

- By Type
 - Assessment
 - \$1.725M/9 grants
 - Revolving Loan Fund
 - \$1M/1 grants
 - Cleanup
 - \$1.2M K/6 grants*
(7 initially selected)
 - Job Training
 - \$0/0 grants
- By State
 - IA - \$0.35 M
 - KS - \$1.01 M
 - MO - \$1.27 M
 - NE - \$0.6 M





Sunshine Biscuit Company Kansas City, MO





Brownfield Definition

“...real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.”



Iowa Steel, Cedar Rapids, IA



What Contaminants May Be Investigated and Cleaned Up?

✓ *Hazardous Substances, Contaminants & Pollutants*

- solvents, plating waste, dioxin, pesticides, guano, etc.
- contaminants contained within structures such as asbestos, mold, and lead paint*

✓ *Petroleum Products*

- gas Stations, well heads

✓ *Controlled Substances*

- illegal drug laboratories residues

✓ *Mine-Scarred Lands*

*For brownfield funding purposes only

Brownfield adjacent to Lead Chat Pile
Bonne Terre, MO





Abandoned Gas Station Initiative St. Louis, MO

2803 Russell



**4001 McRee
(Botanical Heights)**



5162 Delmar





BROWNFIELDS COMPETITIVE GRANTS

<i>TYPE</i>	<i>WHO</i>	<i>FUNDING</i>	<i>ACTIVITIES</i>
Assessment	States, Tribes, Local Governments, Land Clearance Authorities, Regional Councils, Redevelopment Agencies & Other Quasi – Governmental Entities	\$200,000 for contaminated property & \$200,000 for petroleum sites (Up to \$350,000/ Site with Waiver)	Inventory, Characterize, Assess (ASTM standards), & Conduct Planning
Cleanup Revolving Loan Fund (RLF)	Same as Above, Coalitions may apply	\$1,000,000/ Eligible Entity, 20% Cost Share	Capitalize Loans and Subgrants for Cleanup
Direct Cleanup	Same as Above + Non-Profits	\$200,000/ property, up to 3 properties per year; 20% Cost Share	Cleanup ✳ grant recipient <u>must own property</u>
Job Training	Universities & job training organizations	\$200,000	Environmental Training



ASTM Phase 1 & 2's Environmental Sampling



DST Output Solutions Former Roundhouse Kansas City, MO



USEPA Region 7

State & Tribal Response Programs

- All four States (IA, KS, MO, NE) added brownfields elements to established State Voluntary Cleanup (VCP) or Response Programs
- All four have signed Memoranda of Agreement with EPA
- Four Tribes are currently establishing Response Programs





**Brownfield to Ball Park –
Hammond Field
Springfield, Missouri**



Brownfield Targeted Assessments (BTA)

- Environmental Assessments
 - Generally ASTM Phase 1&2
 - aka Targeted Brownfield Assessments (BTA)
- Provides services not funding
- Conducted by State, Tribe or EPA on behalf of an applicant
- Applicant must secure access





**Four-plex Movie Theater
City of Chanute, Kansas**





**St. Louis Commerce
Center
Former Dr. Martin Luther
King Business Park
St. Louis, MO**



St. Louis, Missouri Brownfields Program



Key Stats:

- Area-wide ESA*: +2,500 acres
- Phase I/II ESAs: +200 acres
- 1 RLF Grant Completed
- Abandoned Gas Station Sites in Program: 31
- Abandoned Gas Station Sites w/Clean Letters: 10

*** ESA – Environmental Site Assessment**



City Hospital Redevelopment Area St. Louis, MO



www.epa.gov/brownfields

Address  <http://www.epa.gov/brownfields/toolsandtech.htm>

 **Brownfields Cleanup and Redevelopment** U.S. Environm

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Tools and Technical Information



EPA is committed to providing tools and technical resources to help a variety of stakeholders identify technologies, technical help, contacts, and other resources to aid in the assessment and cleanup of brownfield properties. Our Tools and Technical Information Web page provides you with resources associated with brownfields assessment and cleanup, land use and institutional controls, protecting human health, technical help, and publications.

- [Assessment and Cleanup Tools](#)
Includes grantee information, and information about sustainable redevelopment of brownfields, TIO, and the Triad approach.
- [Get Technical Help on Your Brownfields Project](#)

